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 TI - PROCESS FOR MFG. POROUS CERAMIC MATERIALS WITH BIOLOGICAL ACTIVITY
 AB - The present invention refers to process for making porous ceramic material with biological activity. It applies sol flocculation method to prepare Ca-P based active powder (HA powder) and chemical co-precipitation method to prepare medical spinel powder, using natural plant fiber or polyurethane foam as pore-making material, through mixing, shaping or pressure shaping, and calcination to obtain porous material contg. only single HA composition or compound porous material contg. both HA powder and spinel powder. The said porous material is used for repairing and filling human bone with good biological compatibility. The present method is simple in process, required no high pressure and non-corrosive to apparatus.
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 IC - C04B35/00 ; C04B38/06

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TI - Mfg. porous ceramic materials with biological activity useful for repairing and filling human bone - by mixing calcium phosphide based active powder and medical spinel powder using e.g. polyurethane foam for pore formation and calcining NoAbstract
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